AUTHOR INDEX

Abdel-Rahman, M. S., 453
Abou-Donia, M. B., 259
Amdur, M. O., 57
Antervo, K., 1

Bassett, D. J. P., 329
Benigni, R., 135
Bloch, E., 435
Bombick, D. W., 495
Bowen-Kelly, E., 329
Brewster, D. W., 495
Brown, D. R., 479
Burger, J., 227

Capodaglio, E., 393
Carolan, R. J., 35
Carrington, C. D., 259
Chetty, S. C., 207
Chevalier, G., 103
Chu, I., 509
Conner, M. W., 57
Copeland, C. B., 403
Côté, M., 509
Crocker, T. T., 165
Cui, D., 71

Dalal, N. S., 237
Damji, K. S., 247
DeAngelo, A. B., 97
Desaiah, D., 207, 461
Diggs, J. P., 285
Donaldson, H. M., 35

Eaton, D. L., 269
Ehrich, M., 21
Elbon, C. L., 329
Evans, M. G., 471

Flood, W. H., 57
Fogelson, L. D., 403
Fournier, M., 103
Fukui, Y., 87

Ghittori, S., 393
Giuliani, A., 135
Gochfeld, M., 227
Gondos, B., 435
Gorski, J. R., 349
Gunsalas, G. L., 435
Gutenmann, W. H., 373

Hjelm, E. W., 155
Hood, R. D., 423
Houpt, J. T., 217

Imbriani, M., 393
Ingebrigtsen, K., 361

Jafri, A., 71
Johannsen, F. R., 299, 317
Jortner, B. S., 21

Karol, M. H., 185
Kleinman, M. T., 165
Kodavanti, P. R. S., 207
Kowal, N. E., 179
Krzystniak, K., 103

Leach, G. J., 217
LeBel, C. P., 479
Lebofsky, M., 349
Levinskas, G. J., 299, 317
Linder, R. E., 285
Lisk, D. J., 373
Luebke, R. W., 403

Maseda, C., 87
Matsumura, F., 495
Mautz, W. J., 165
Meeks, R. G., 423
Mehrotra, B. D., 207, 461
Mussalo-Rauhamaa, H., 1

Nadeau, D., 103
Nafstad, I., 361
Näslund, P. H., 155
Norheim, G., 361

O'Bryan, T. R., 119
Olaniran, N. S., 185
Otson, R., 509

Pereira, M. E., 97
Pezzagno, G., 393
Phalen, R. F., 165
Platek, S. F., 35
Proctor, J. E., 35
Pyysalo, H., 1

Ramsdell, H. S., 269
Rao, M. S., 201
Ravichandra Reddy, S., 461
Rehnberg, G. L., 285
Reichenbaugh, S. S., 329
Richters, A., 247, 383
Riddle, M. M., 403
Roberts, A. E., 479
Rogers, A. E., 57
Rogers, R. R., 403
Ross, R. H., 135
Rossi, V., 435
Rowe, D. G., 403
Rozman, K., 349
Rusch, G. M., 299, 317
Russell, R. D., 217

Savage, R. E., Jr., 97
Saxena, S., 453
Scarlett, J. M., 373
Scarpelli, D. G., 201
Schatz, R. A., 479
Schroeder, R. E., 299, 317
Secours, V., 509
Shell, L., 21
Shi, X., 237
Shiono, H., 87
Silverman, D., 479
Smialowicz, R. J., 403
Smith, R. J., 35
Solbakken, J. E., 361
Stetter, L. E., 35
Stickney, J. A., 479
Strader, L. F., 285
Subbarao, V., 201

Takahashi, S., 87
Tanabe, K., 87
Tatum, F. M., 423
Terrill, J. B., 299, 317
Thet, L. A., 71
Thysen, B., 435
Trottier, B., 103

Valli, V. E., 509
Vallyathan, V., 237
Varma, S. K., 435
Vedel, G. C., 423
Villeneuve, D. C., 509

Wallén, M., 155

Zaworotko, M. J., 423

SUBJECT INDEX

Aflatoxin B_1 biotransformation in vitro and DNA binding in vivo, modification by dietary broccoli in rats, 269
Air pollutants, inhaled oxidants and aldehydes, effects of exercise exposure on toxic interactions, 165
Ames test, computer-assisted analysis of interlaboratory variability, 135
Aminocarb sublethal exposure, virus-pesticide interactions with murine cellular immunity, 103
Arsenic, trivalent, uptake, distribution, and metabolism in the pregnant mouse, 423

Benomyl, evaluation of reproductive parameters in adult male Wistar rats after subchronic exposure (gavage), 285
Benzyl chloride effect on rat hepatocytes, 453

Cadmium, urinary, and beta$_2$-microglobulin, correlation with nutrition and smoking history, 179
Chemical scoring system for hazard and exposure identification, 119
Chloroform induction of ornithine decarboxylase antizyme (ODC-AZ) in the male rat liver, 97
Coal liquefaction product, high-boiling (bp 250–450°C), dermal toxicity in the rat, 509
Cotton dust, serologic study of guinea pigs exposed for 12 months, 185

Dieldrin:
  subchronic treatment effect on calmodulin-regulated Ca^{2+} pump activity in rat brain, 461
  sublethal exposure, virus-pesticide interactions with murine cellular immunity, 103

N,N-Diethyl-*m*-toluamide (DEET), some cardiovascular effects of the insect repellant, 217
Dioctyltin dichloride immunologic effects of perinatal exposure of rats, 403

Hydroxyl radical formation, ESR evidence, in aqueous suspension of quartz particles and its possible significance to lipid peroxidation silicosis, 237

Insecticides, selected, effect on rat brain synaptosomal adenylate cyclase and phosphodiesterase, 207
Isoflurane, evaluation of exposure to, environmental and biological measurements in operating room personnel, 393

Lead effects on growth in young herring gulls (*Larus argentatus*), 227

Mercury in the hair of dentists and dental-related professionals in 1985 and subcohort comparison of 1972 and 1985 mercury hair levels, 373

Nitrogen dioxide:
  changes in T-lymphocyte subpopulations and natural killer cells following exposure to ambient levels, 247
  effects on blood-borne cancer cell colonization of the lungs, 383
Nuclear pores quantification in tumor promotor-induced hepatic nodules in rats, a freeze-fracture study, 471

[^{14}C]Octachlorostyrene distribution and elimination in cod (*Gadus morhua*), rainbow trout (*Salmo gairdneri*), and blue mussel (*Mytilus edulis*), 361

Organochlorine compounds, relation between content in Finnish human milk and characteristics of the mothers, 1
Organophosphorus-induced delayed neuropathy assessment in chickens using needle electromyography, 21
Oxygen, effect of 70% on postresectional lung growth in rats, 71
Ozone:
effects on blood-borne cancer cell colonization of the lungs, 383
rat lung recovery from 3 days of continuous exposure to 0.75 ppm, 329

1,1,2,2,3-Pentachloropropane toxicity, evaluation of the subchronic and reproductive effects in the rat, 317

Smelter slags used as abrasive blasting substitutes, fibrinogenicity and carcinogenic potential, 35

2,3,7,8-Tetrachlorodibenzo-*p*-dioxin:
corticosterone decreases toxicity in hypophysectomized rats, 349
development of hepatocytes in the pancreas of hamsters treated with, 201
rabbit serum hypertriglyceridemia after administration, 495
1,2,2,3-Tetrachloropropane toxicity, evaluation of the subchronic and reproductive effects in the rat, 317
1,2,3-Trichloropropane toxicity, evaluation of the subchronic and reproductive effects in the rat, 299
Tri-*o*-cresyl phosphate inhibition of neurotoxic esterase and acetylcholinesterase, variation between three strains of rat, 259
Toluene:
influence of cigarette smoking on the toxicokinetics in humans, 155
single administration, increased plasma free fatty acid and triglyceride levels in rabbits, 87
2,4-Toluenediamine reproductive toxicity in the rat, effects on androgen-binding protein levels, selected seminiferous tubule characteristics, and spermatogenesis, 435

p-Xylene, changes in rat lung microsomal lipids, relationship to inhibition of benzo[a]pyrene metabolism, 479

Zinc oxide, multiple exposures to ultrafine, lung injury in guinea pigs, changes in pulmonary lavage fluid, 57